



Showcase Series™ HT1100™



Experiencing a great master's work is unforgettable.

Intense color, sharp contrast and fine details combine to create a truly beautiful experience. The HT1100 will transform your home into a showstopping masterpiece.

yours for the viewing.

Empowered by Innovation

NEC

16:9 display

high contrast – 3500:1



HD and HDTV support

compare and contrast:
watching vs. experiencing.

Make the ordinary extraordinary and the everyday vibrant. Start experiencing large screen theater action from the comfort of your home with everything from HDTV and cable TV to DVDs, video games, computers and digital pictures. The **HT1100**, supporting screen sizes up to 200" diagonally, doesn't just show your movies, programs, and video games, it gives you an experience.

Become captivated by deeper blacks, richer details and more vibrant images. NEC's phenomenal 3500:1 contrast ratio allows you to create a picture you will feel in your body and soul.

h i g h c o n t r a s t



Sweetvision II™

vertical image shift

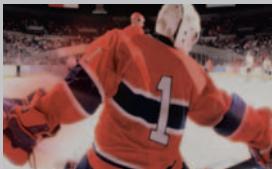
Anamorphic mode

Whether you want to display 16:9 (1.78:1), 1.85:1, 2.35:1, or 4:3 (1.33:1) aspect ratios, the **HT1100**'s technology supports them all. It's easy to set up and operate and comes with a full-function backlit remote, so you can sit back and enjoy the show. And it's extremely quiet at <29dB in EcoMode™, so you'll hear the movie, not the projector.



extreme **contrast**
brings the world **to you**

overachieving picture quality.



original image



after SweetVision II

If you've been looking for the right piece of equipment that produces a picture with so much vibrancy and clarity that you'll have to do a double-take, look no further. The HT1100's picture quality is simply unforgettable. NEC's extensive video enhancement technologies, built around leading edge optics and Texas Instrument's single chip DLP, show-off a clear difference.



SweetVision II™ delivers exceptional picture management control for both progressive and interlaced sources. This proprietary NEC video processing circuitry also enables digital contrast and edge detail enhancement, gamma adjustment, deinterlacing and 3:2 pull-down resulting in vibrant colors and rich, realistic film-like blacks for images that will draw you in. The phenomenal 3500:1 contrast ratio is achieved through a variable IRIS that allows you to stop down the IRIS and fine tune the amount of contrast. The enhanced 3D 10-Bit video decoder offers black level expansion and adaptive gamma correction. In turn, skin tones are reproduced accurately while reducing video noise.

empowering optics.



4:3 image
on 16:9 screen



full screen 16:9
display of 4:3 input

extensive aspect ratio control

Display images the way you want with a robust selection of aspect ratios to choose from, including 16:9 (1.78:1), 1.85:1, 2.35:1, or 4:3 (1.33:1). Viewing images in 16:9 at 1024x576 resolution delivers over 30% more pixel resolution than WVGA projectors. The variable IRIS allows for precise adjustments of image contrast with a 60-100% range of luminance, making the HT1100 perfect for the finely tuned home theater or light controlled living room.



2.35



1.85



1.33 (4:3)

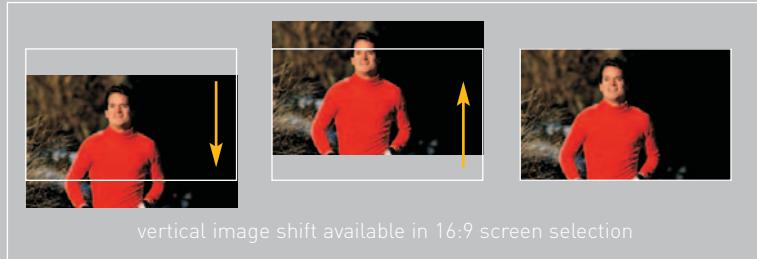


1.78 (16:9)

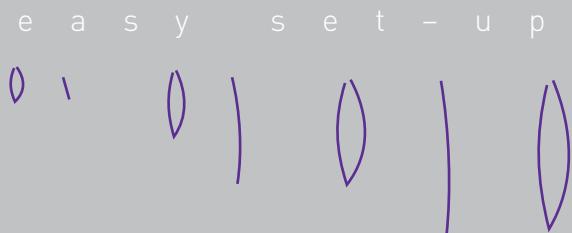
examples of display options available with an HT1100 on a 16:9 screen

core technologies.

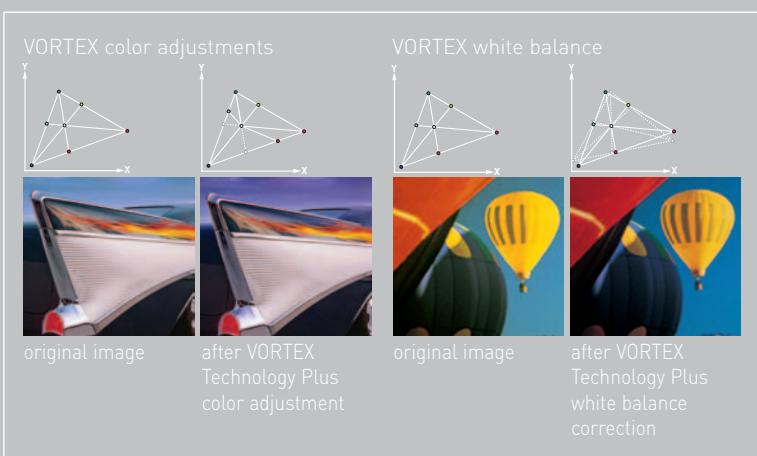
Vertical image shift— allows you to move the position of the image in a 16:9 screen display enhancing overall screen and projector placement options.



Anamorphic mode— optimize projector settings when used with an optional anamorphic lens. In this display mode, the 16:9 widescreen display receives 25% more resolution at the screen by using the full panel and an anamorphic lens.



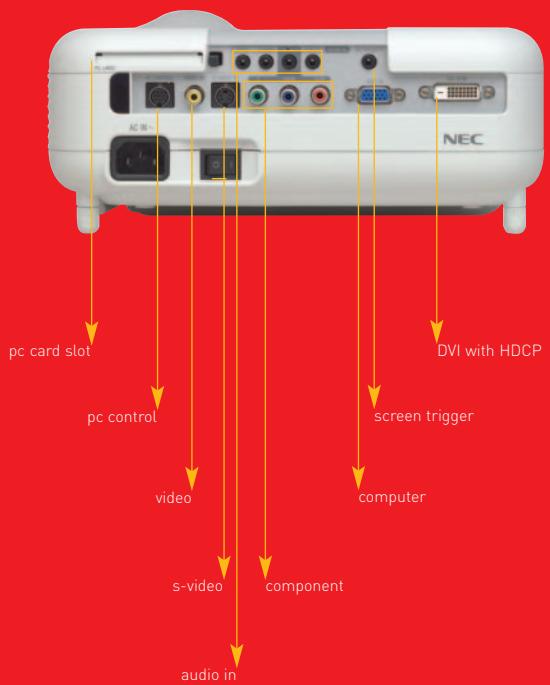
VORTEX Technology Plus™— breakthrough image processing technology including advanced color management system for individual color correction control of seven color settings—RGB, CYMW as well as sRGB control.



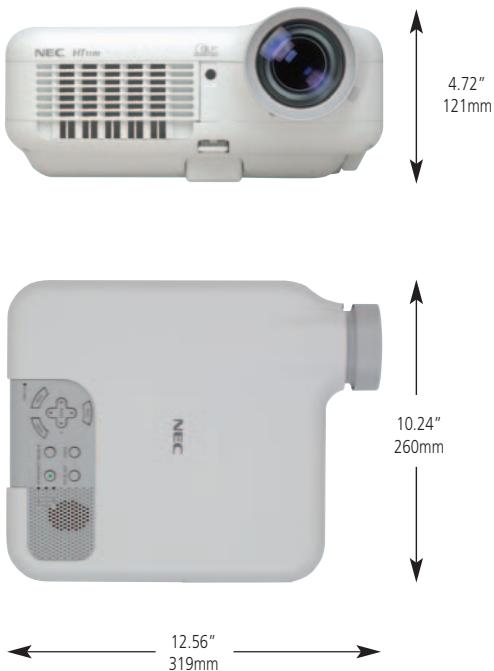
networking and source.

With an extensive input panel, you can connect to your satellite receiver, DVD, VCR, computer, video games and more. The HT1100 is also network capable with an optional wired or wireless PC card.

Sit back and relax when you turn your projector on or off. With the **HT1100** screen trigger connector, you can have the screen automatically raised or lowered if your screen incorporates this type of input.



From the lens to the connector panel our environmentally friendly projectors are precision crafted for performance, quality and long-term reliability. Should a need arise, rest assured that NEC will be there with award winning service and support.



Accessories



ATAPRO



Lamp



Remote

Optical

Panel	Single chip 12 degree DMD, 5x speed, 6 segment color wheel
Aspect Ratio/Resolution	16:9 - 1024x576 Wide Screen (supports 4:3 sources), 4:3 - 1024x768 Full Screen
Lens	Manual zoom, Manual focus and Manual IRIS F=2.5-4.5, f=22.2-26.7 mm
Light Output	1100 normal, 880 eco-mode, full panel (ANSI, typical)
Lamp	220W NSH
Lamp Life (up to)	Eco-mode 3000H, Normal mode 2000H
Contrast Ratio	3500:1 with variable IRIS, > 2000:1, standard
Image Size	30 - 200 inches diagonal
Keystone Correction	±25 degree Horizontal ±40 degree Vertical
Projection Distance	3.3-27.2ft, 0.99-8.28m (16:9) 3.0-24.9ft, 0.91-7.59m (4:3)
Projection Angle	TELE: 15.7 - 16.2 degrees, WIDE: 18.7 - 19.3 degrees

Electrical

Inputs	1 DVI-D (with HDCP), 1 RGB, 1 S-Video, 1 Video, 1 3-RCA Component Video, 1 PC Card, 4 Stereo Mini Audio
Control	1 Screen Trigger, 1 Serial/PC Control
Video Compatibility	NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM, HDTV: 1080p, 1080i, 720p, SDTV: 576p, 576i, 480p, 480i
Scan Rate	Horizontal: 15 to 100 kHz (RGB 24 kHz) Vertical: 48 to 100 Hz
Video Bandwidth	RGB 100 MHz
Pixel Clock Freq	160MHz
Color Reproduction	16.7 million colors simultaneously, Full color
Horizontal Resolution	NTSC, NTSC4.43, PAL/PAL-M/PAL-N/PAL-60 - 540 TV lines SECAM - 300 TV lines, Y/CbCr - 540 TV lines, RGB - 1024dots (H) x 768dots (V)
External Control	RS232, LAN (AMX/Crestron compatibility)
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speakers	2Wx2
Fan Noise	Eco-Mode <29, Normal mode <32
Power Requirements	100-120VAC/200-240VAC, 50/60Hz
Input Current	3.2A (100-120VAC), 1.6A (200-240VAC)
Power Consumption	290W (0.6W Standby)

Mechanical

Installation Orientation:	Floor/Front, Floor/Rear Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	10.24x12.56x4.72", 260x319x121mm (including protrusions)
Net Weight	7.1 lb. (3.2 Kg)
Environment	Operational Temperature 41° to 95° F / 5° to 35°C Humidity: 20-80% non-condensing Storage: 14° to 122°F / -10° to 50°C
Regulations	USA UL 1950 FCC Class B Canada CSA950 (C-UL) Mexico NOM-001-SCFI-1993, CISPR22
Accessories	Users manual, backlit wireless remote control, D-sub signal cable, audio cable, composite video cable, s-video cable, component video cable, carrying bag, quick connect guide and registration card
Warranty	Registered owners receive a 2-year limited, parts and labor warranty. The lamp when used under normal operating conditions is covered for 500 hours or 3 months, whichever comes first.

Special Features

SweetVision II	NEC's proprietary video processing circuitry enabling contrast enhancement, detail enhancement, gamma correction, black expansion, deinterlacing and 3:2 pulldown
Anamorphic Mode	Projector settings that automatically optimize your 16:9 or 4:3 source information and corresponding aspect ratio when using an optional anamorphic lens
Variable IRIS	Ability for user to manually adjust contrast up to 3500:1 with minimal reduction of light output
Vertical image shift	When the 16:9 screen setting is selected, users can adjust the position of the image up or down to optimize for the height of the screen depending on the selected source and amount of 3D Reform used.
3D Reform	Allows flexible placement of projector for square image display-adjusts horizontal, vertical and diagonal keystone correction
Full screen display	Whether using a 16:9 or 4:3 screen, fill the display area even when using non native source material and eliminate black bar display
HDCP compatible	Through the DVI-D input, content will be recognized with HDCP encryption
High Definition	Signal compatibility with HD (1080i, 1080p, 720p) and SD (576i, 576p, 480i, 480p) inputs for the best quality display
Quiet Operation	With whisper quiet noise levels at less than 29dB, you won't be straining to hear and enjoy the show
VORTEX Technology Plus	Provides uncompromising display of video and data. Improves white level, color accuracy, dynamic range, and display of varying levels of black in an image. Color correction system enables six-axis adjustment of CMY and RGB for display of personal color preferences.
Eco-Mode	Increase lamp life through light output adjustments
Built-in Digital Photo Viewer	Directly project digital photos (certain formats) stored on a PC card from the projector
Networkable	Remote diagnostic and control available via IP address with optional wired PC network card

Product/Accessories

Order Code	Description
HT1100	HT1100 Residential entertainment projector
HT169-Lens	Optional anamorphic lens for full panel resolution at 16:9 display
LP60LPK	Replacement lamp
LT60CM	Ceiling mount
ATAPRO200	ATA shipping case
TRAVELPRO200	Executive faux leather rolling case for projector and laptop
ADP-CV1	Component video adapter

For more information, call **(800) NEC-INFO** (800.632.4636)
or visit www.necvisualsystems.com

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